

## ABSTRACT

A finger-mounted obstetrical imaging system is described for augmenting digital pelvic examination and other obstetrical procedures with videoendoscopic visualization.

- 5 An obstetrical imaging system integrated with a fetal vacuum extraction instrument is described using tissue transillumination to assist in proper placement of the vacuum extraction instrument on the head of a fetus during delivery. Rigid and articable uteroscopes are described using a transparent inflatable balloon to provide a clear visual field within a patient's uterine cavity.